

Name: _____

at1110paper_practice_test (v29)

1. Factor the expression.

$$64x^2 - 25$$

2. Solve the equation.

$$(5x - 9)(7x - 3) = 0$$

3. Solve the equation with factoring by grouping.

$$15x^2 + 6x - 20x - 8 = 0$$

4. Solve the equation.

$$7x^2 + 16x + 22 = 4x^2 - 3x + 2$$

5. Factor the expression.

$$x^2 + 8x + 12$$

6. Expand the following expression into standard form.

$$(5x - 4)(5x + 4)$$

7. Expand the following expression into standard form.

$$(9x + 5)(3x + 2)$$

8. Expand the following expression into standard form.

$$(5x + 2)^2$$